

**To:** Mahmud, Shahid[Mahmud.Shahid@epa.gov]  
**From:** Hathaway, Ed  
**Sent:** Sat 8/15/2015 5:59:16 PM  
**Subject:** RE: Gold King data

My interpretation is that they are missing the total aluminum results. Therefore, all the other results are off by one row. If you shift the results for just that one column down one row, the results make sense and fit with the other results.

**From:** Mahmud, Shahid  
**Sent:** Saturday, August 15, 2015 1:56 PM  
**To:** Hathaway, Ed  
**Subject:** Re: Gold King data  
**Importance:** High

Ed,

This location also seems to have high hits for total cadmium at 61000 ppb, nickel at 2100 ppb, silver at 13000 ppb and vanadium at 29 ppb. DO you think this is just for this location/pocket or maybe that the data may not have been validated? Let me know so I can flag. Thanks!

Shahid Mahmud  
Team Leader  
EPA Abandoned Mine Lands Team  
703-603-8789

---

**From:** Hathaway, Ed  
**Sent:** Saturday, August 15, 2015 1:03 PM  
**To:** Mahmud, Shahid  
**Subject:** Gold King data

Shahid,

Not sure if you can address this. The attached spreadsheet is on the EPA website for the Gold

King response. Column Q row 43 shows lead as 8,700 ug/l. There is obviously a row shift for that column in the spreadsheet. The sample ID is ADW-021-150810-11. Would not want the news reporting 8 ppm of lead in the water.

Not sure if you can get this message to someone who can correct the spreadsheet.

Ed